

HB-12542.

31. (Amended) The hybridoma cell line deposited as ATCC accession number HB-12543.

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32. (Amended) The 4G3.9.9 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12541.

33. (Amended) The 6D10.9.7 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12542.

34. (Amended) The 1C5.24.1 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12543.

55. An isolated antibody which binds to an Apo-2 DcR polypeptide comprising amino acid residues 1 to 259 of Figure 1A (SEQ ID NO:1).

56. An isolated antibody which binds to an extracellular domain of an Apo-2 DcR polypeptide consisting of amino acid residues 1 to X, wherein X is any one of amino acid residues 161 to 236 of Figure 1A (SEQ ID NO:1).

57. The antibody of claim 55 which is a monoclonal antibody.

58. The antibody of claim 56 which is a monoclonal antibody.

59. The antibody of claim 57 which is a chimeric, humanized or human antibody.

60. The antibody of claim 58 which is a chimeric, humanized or human antibody.

61. The antibody of claim 57 which is a blocking antibody.

62. The antibody of claim 58 which is a blocking antibody.

63. The antibody of claim 55 or 56 which, in addition to binding said Apo-2 DcR polypeptide, binds to another Apo-2 ligand receptor selected from the group consisting of DR4, Apo-2, DcR2, and OPG.

64. The antibody of claim 55 or 56 which binds to the same epitope to which the 4G3.9.9 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12541 binds.

65. The antibody of claim 55 or 56 which binds to the same epitope to which the 6D10.9.7 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12542 binds.

66. The antibody of claim 55 or 56 which binds to the same epitope to which the 1C5.24.1 monoclonal antibody produced by the hybridoma cell line deposited as ATCC accession number HB-12543 binds.

67. The antibody of claim 61 which blocks binding of Apo-2 ligand to said Apo-2 DcR polypeptide.

68. The antibody of claim 62 which blocks binding of Apo-2 ligand to said Apo-2 DcR polypeptide. --